

IDEA-0602-68
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9 August 1968

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report, Visit to Itek, Burlington, Mass.

1. The purpose of this trip was to confer with [redacted] and others regarding current status of Iris II (Rotating Optical Bar Camera) for IDEALIST program.

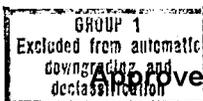
2. Pecking order on this project is [redacted]

Project

3. The project is housed in Bldg. 3 of the ITEK complex near Route 128 at Burlington, Massachusetts. Other projects in the building include [redacted] involving the IRIS I camera. Present man hour loading is 2,000 hours per week against this project. Optical design, fabrication, assembly, and test is provided by the main plant at Lexington. Communications support also is at the main plant, cable pick up and delivery twice per day. Telephone strike in Boston has been troublesome but not critical.

4. Progress Reports will be submitted in informal narrative form the last Monday in each month. A summary report of activities to date will be submitted 13 August 1968 including pertinent charts, delivery schedules, interface meetings and milestones. Fiscal and budgetary reports will be established at contract negotiation now scheduled for 19 August and 20 August.

IDEALIST
SECRET



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25X1A

5. As expected, progress has been behind schedule up to this point due to shortage of cleared people, need for interface ground rules, etc., between Headquarters, NPIC, [REDACTED] Detachment G, Lockheed and USAF and establishment of procedures for manpower assignments. As a consequence, overtime premium has been higher than normal during this period. At present, project is one week behind schedule. Critical pacing item is welded aluminum box structure redesign to position larger spools above aft end of camera. Changes from Iris I design to IRIS II design although major in scope, are largely structural and mechanical in nature without a great amount of electronic and electrical circuitry revision. No mock up has been built because clearances all around are adequate (over 1.5 inches). Redesign brings center of gravity higher and hence nearer the aircraft attach points a good practice.

25X1D

[REDACTED]

7. Dry processing technique being explored by Itek is at present in early development stage with little concern for future application. It involves a viscous type processing using either dry geletin heated to the flow point and applied to film, then peeled off as dried geletin leaving processed film dry and ready for use, or geletin of jello like consistency at room temperature applied by multiple rollers. Processing rates of 15' per minute are demonstrated. About one pound of processing gel per pound of processed film is required. Itek is starting now to determine feasibility of the technique to airborne processing.

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[REDACTED]

SSD/R&D/OSA

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SSD/R&D/OSA, [REDACTED] (9 Aug 68)
Distribution.

25X1A

- Cy 1 - D/R&D/OSA
- 2 - CMD/COMPT/OSA [REDACTED]
- 3 - D/M/OSA [REDACTED]
- 4 - DD/SA [REDACTED]
- 5 - SSD/R&D/OSA [REDACTED]
- 6 - SSD/R&D/OSA [REDACTED]
- 7 - SSD/R&D, Chrono
- 8 - RB/OSA

25X1A

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